

Status of Salton Sea Management Program

Little Hoover Commission
25 April, 2016



Salton Sea Management Program

▣ Little Hoover Commission

- May and June, 2015
- Immediate action
- Short and mid term projects
- Develop funding plan
- Funding Committee
 - ▣ NRCS grant
 - ▣ Watershed Act
- Develop long range plan

Salton Sea Management Program

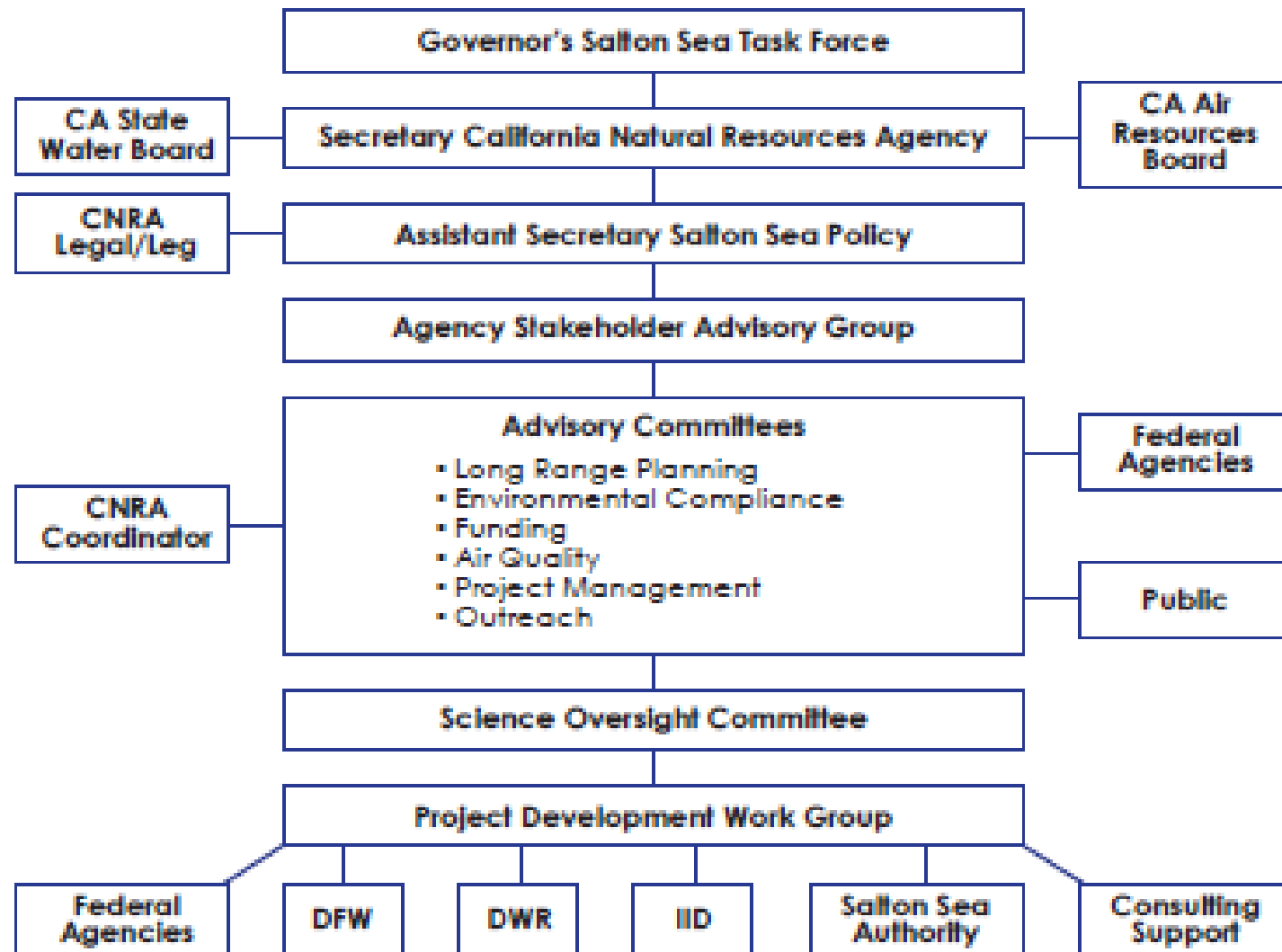
▣ **Salton Sea Task Force**

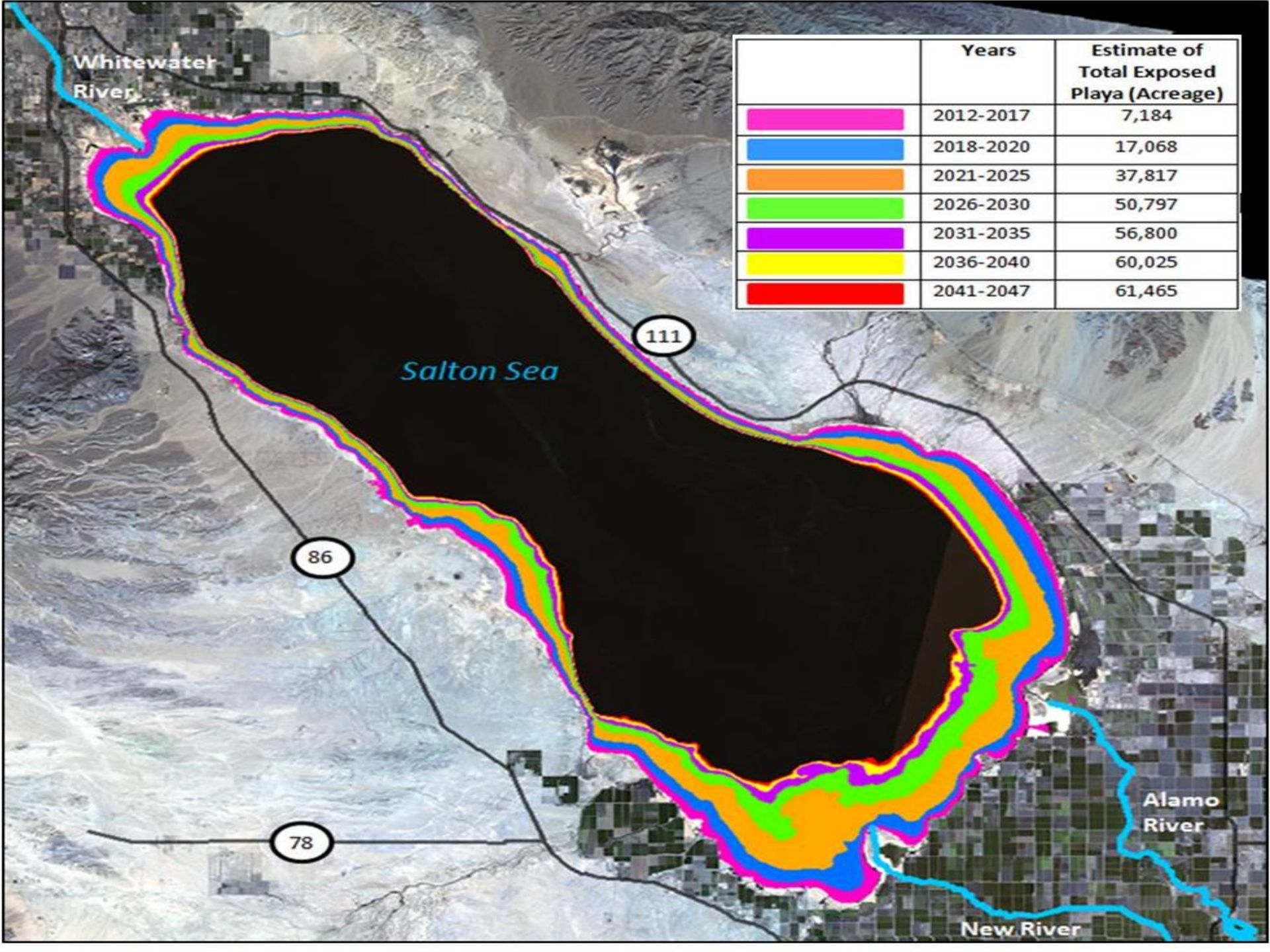
- Created by Governor
- State agencies
- Identify realistic short and medium term goals
- Science Advisory Committee
- Public outreach
- Accelerate projects
- Consider renewable energy development
- Oversight

Salton Sea Management Program

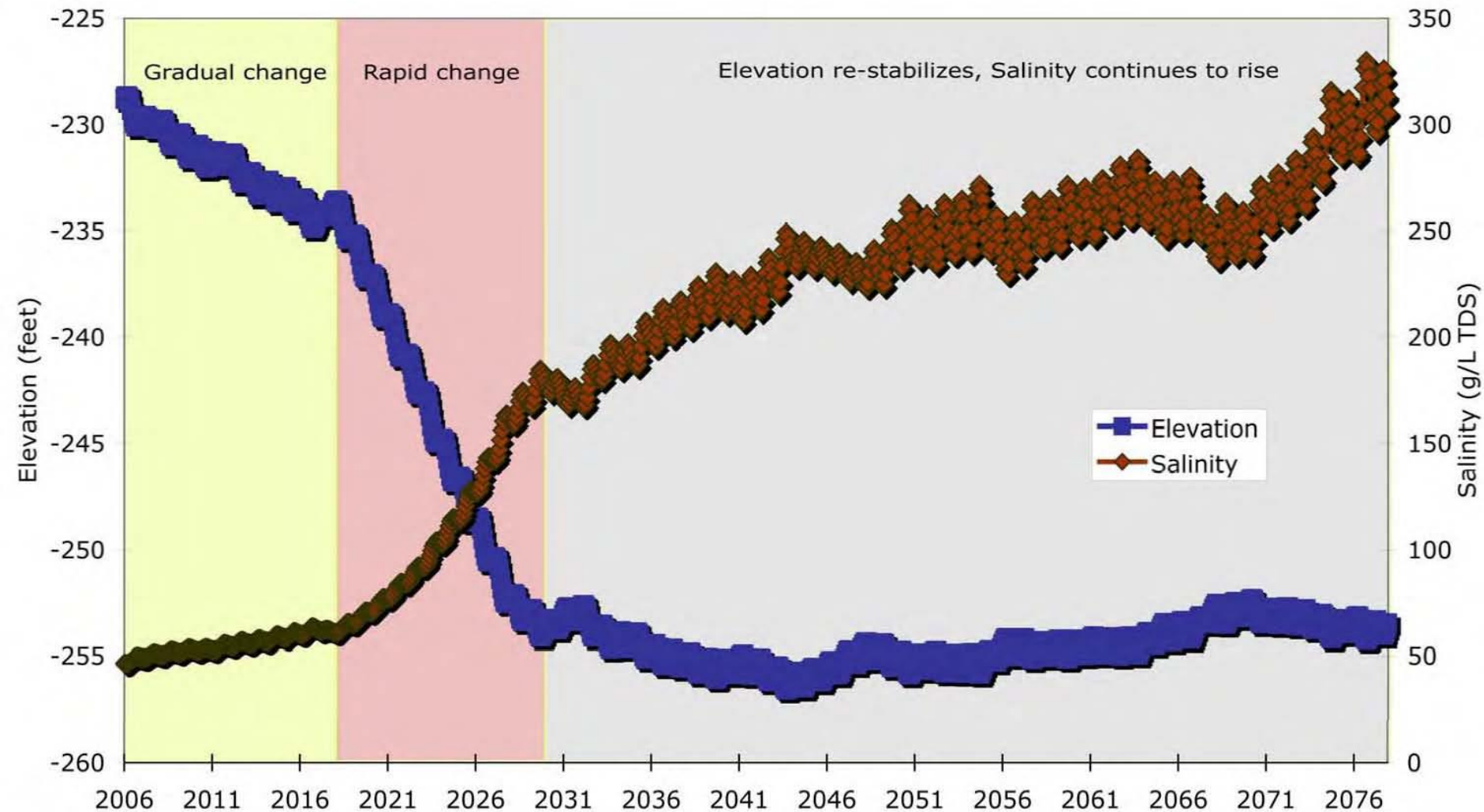
- ▣ Assembly Bill 1095
 - Requires list of “shovel-ready” projects
 - Defines “shovel-ready” in context of Salton Sea
 - Projects include:
 - ▣ Red Hill Bay
 - ▣ Species Conservation Habitat Phase I
 - ▣ IID/Imperial County SSRREI Phase I
 - ▣ New River West (modified SCH Phase II)
 - ▣ Enhancements to Torres-Martinez wetlands

SALTON SEA MANAGEMENT PROGRAM ORGANIZATION CHART





Salton Sea Elevation and Salinity

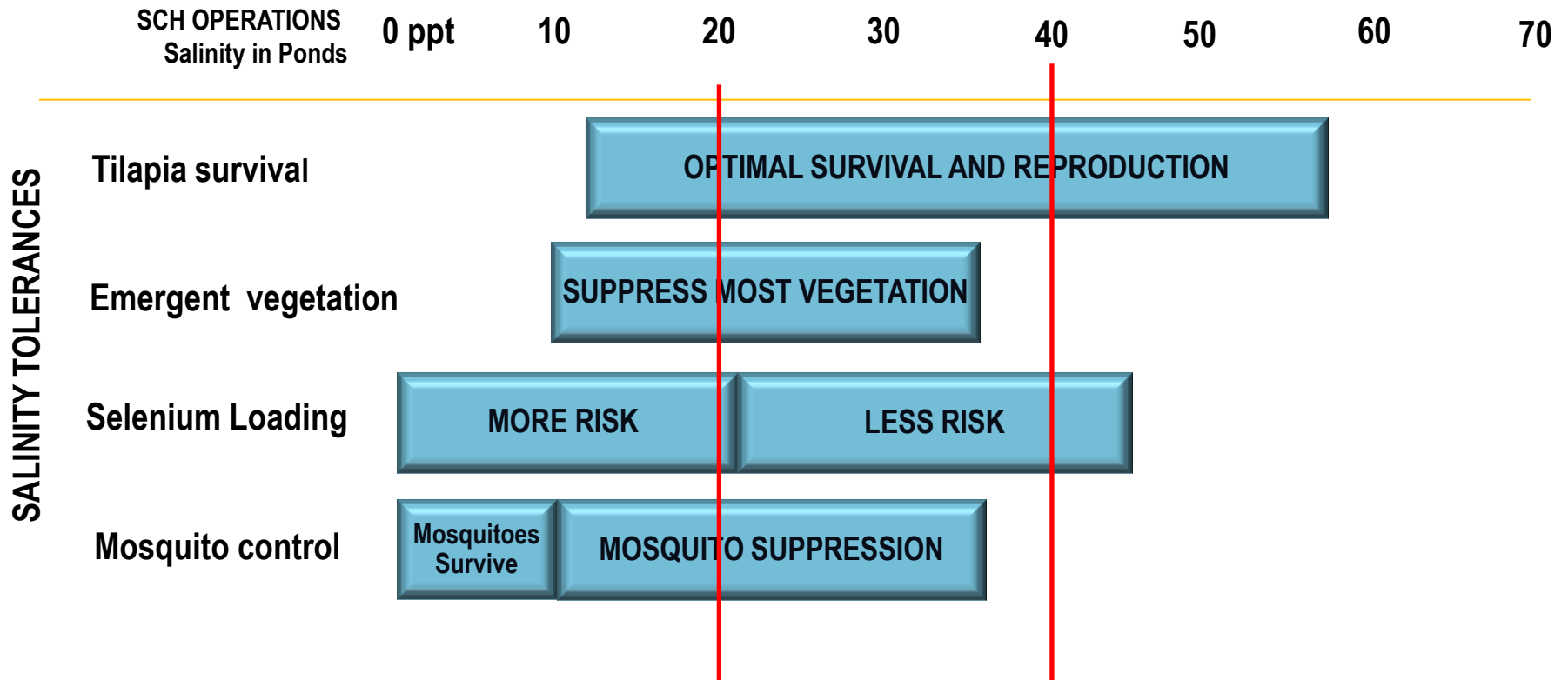


Effect of No- Action on Salinity and Lake Elevation.

From Cohen and Hyun, 2006. Hazard: The Future of the Salton Sea with No Restoration Project

Salinity Constraints and Thresholds

California Department of Water Resources



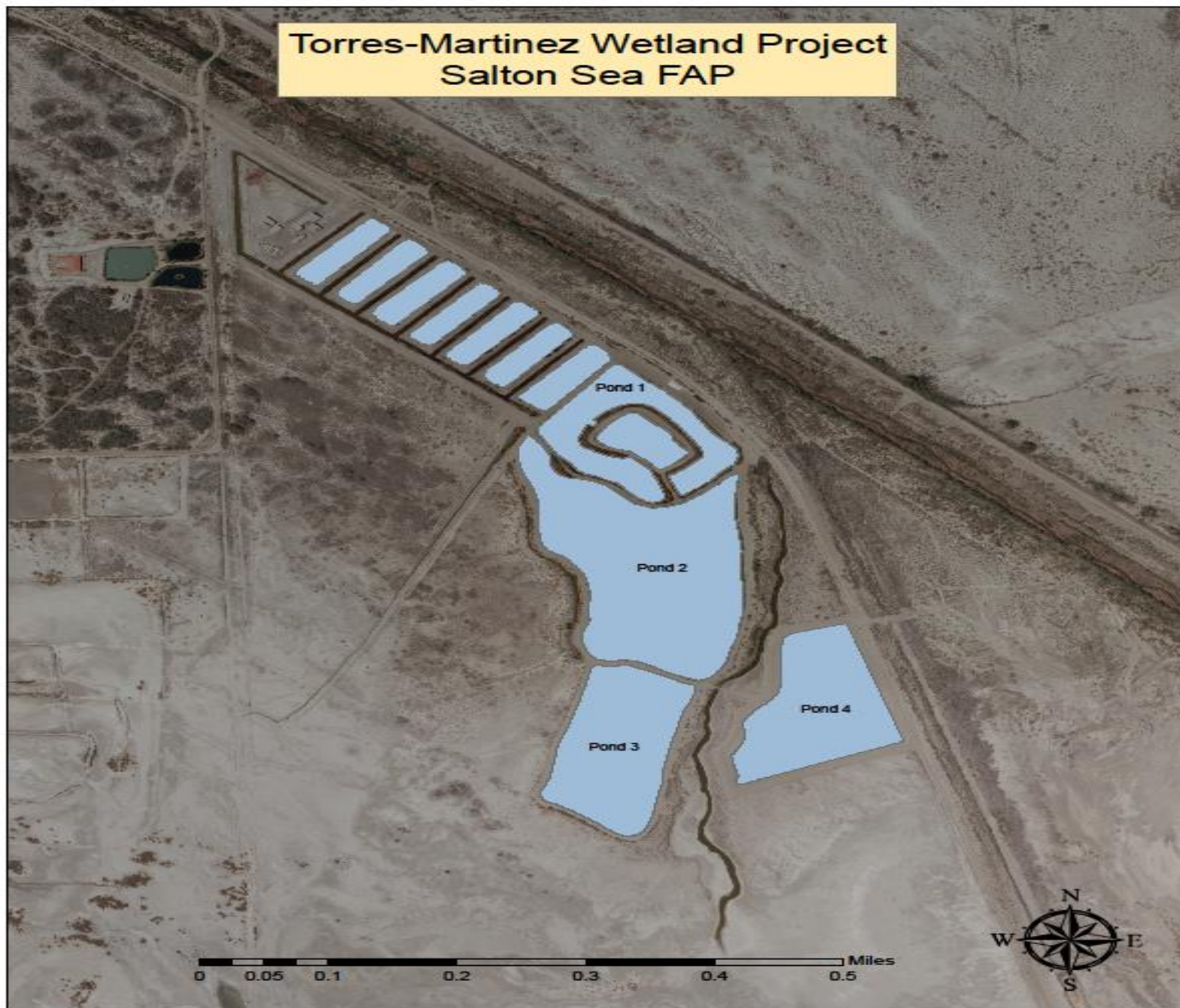
Salton Sea Management Program Projects Locations



FIGURE 1



Torres-Martinez Wetland Project Salton Sea FAP



MATERIAL STOCKPILE AREA

CONSTRUCT NEW DRAINAGE DITCH
SEE SHEETS D-1...D-5

CONSTRUCT NEW ISLANDS
SEE SHEETS C-17...C-21

DREDGING SPOILS DISPOSAL AREA

SALTON SEA

BORROW AREA #1
SEE SHEET C-4

CONSTRUCT NEW BERM

DREDGING SPOILS DISPOSAL AREA

CONSTRUCT NEW DRAINAGE DITCH

WEST POND

WCS03

CW#3

CW#2

TYPICAL
C-4

CONSTRUCT NEW BERM

AG. PUMP IMPROVEMENTS

EX. TREES TO REMAIN

EAST POND

CE#1

CONTROL POINT
BL: -3221.18'
N: 6734468.2230
E: 1987154.1180

CONSTRUCTION ACCESS ROUTE,
SEE SHEET C-22...C-24 FOR
IMPROVEMENT DETAILS

SALTON SEA

WEST SEDIMENT BASIN

EAST SEDIMENT BASIN

MAINTENANCE PAD AREA,
RIVER WATER PUMP STATION
SEE SHEETS C-13...C-16
& PR SHEETS

CONSTRUCT NEW BERM

EX. TREES TO REMAIN

BORROW AREA #3
SEE SHEET C-4

SALINE WATER FORCE MAIN PIPE
SEE PS SHEETS

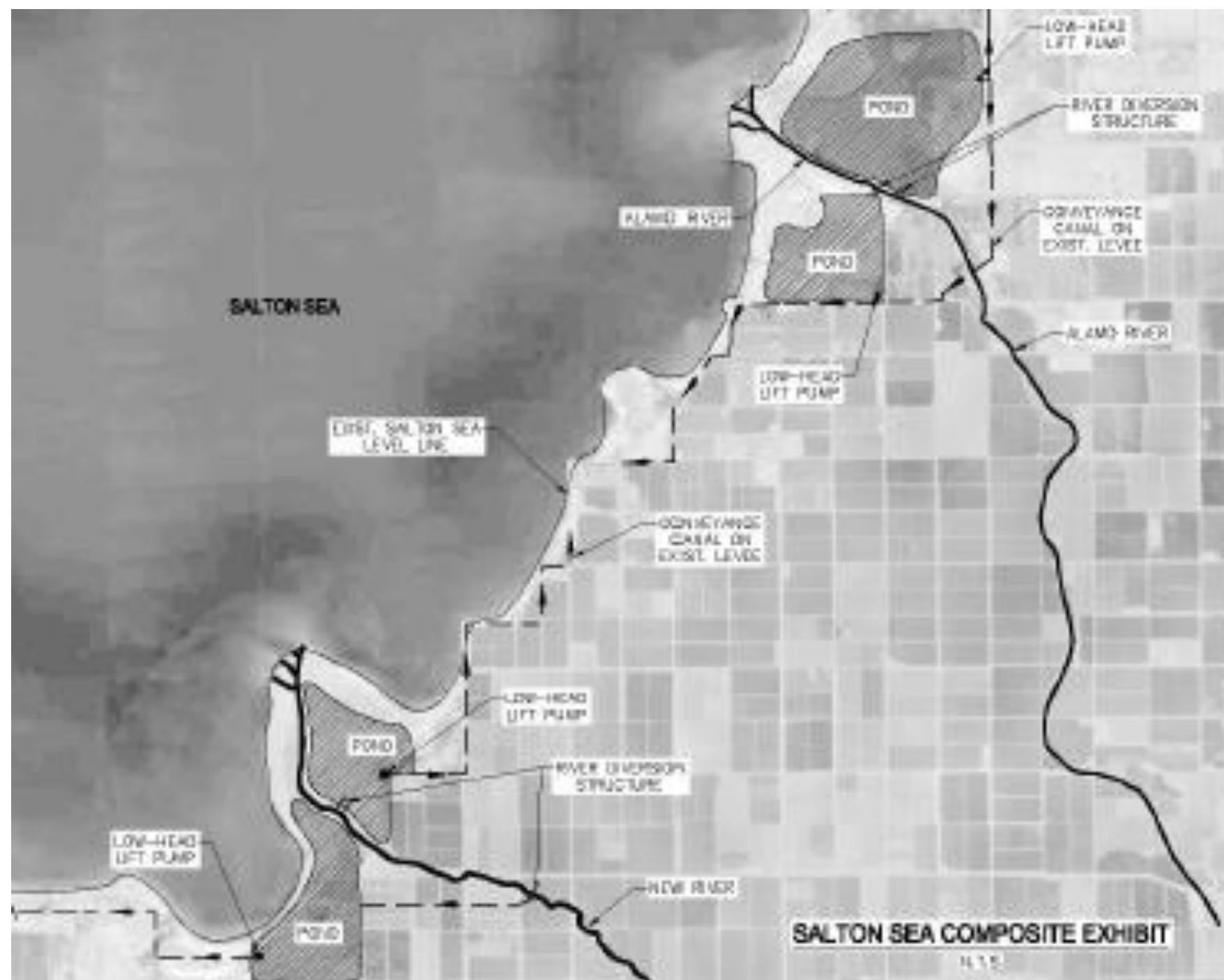
INITIAL CONSTRUCTION
STAGING AREA
SEE SHEET C-25

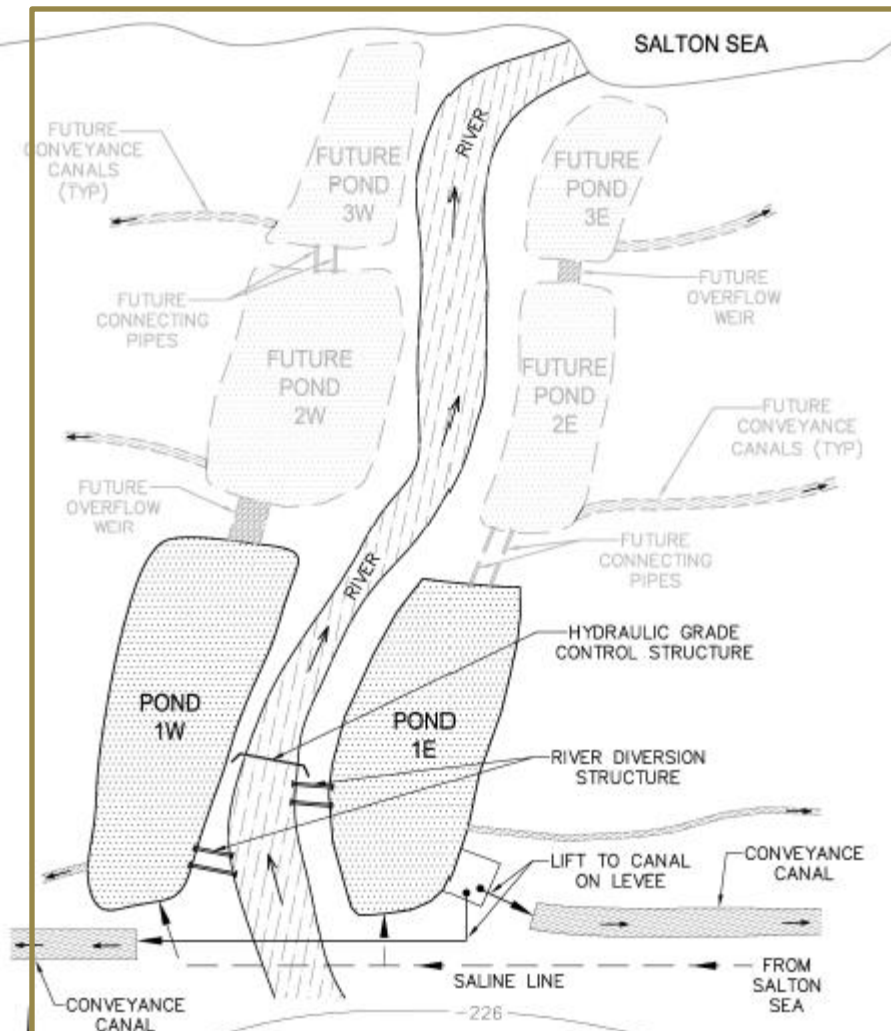
MATERIAL STOCKPILE AREA



BAR SCALE

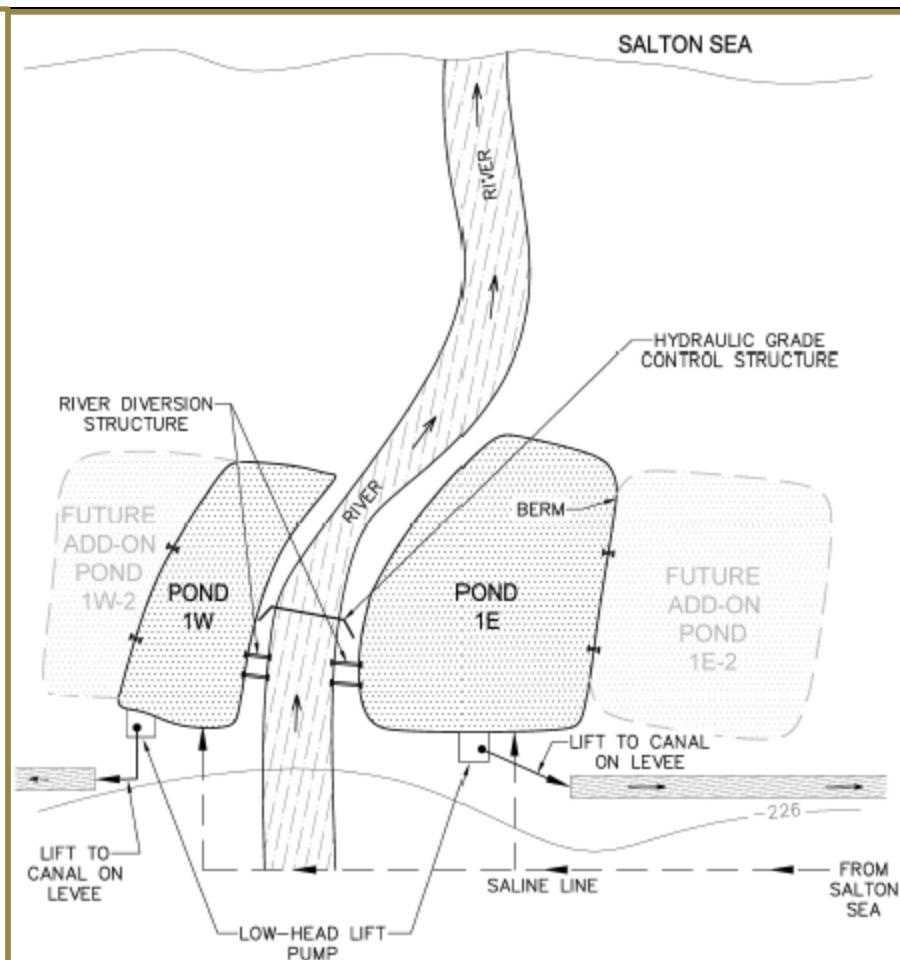
500 1000 1500





**MULTIPLE- PAIRED PONDS
WITH CASCADING CONNECTION
SINGLE TAKEOUT**

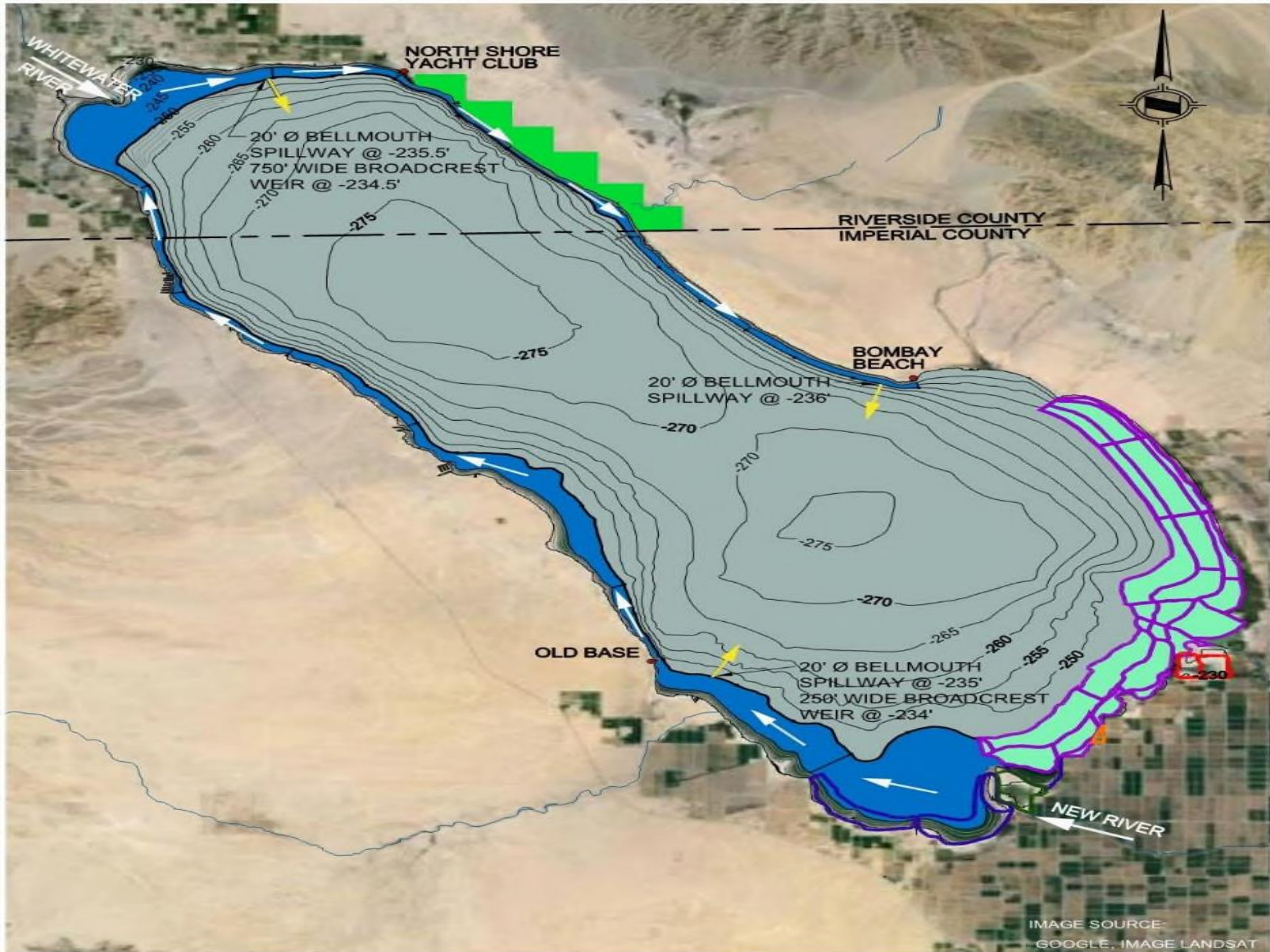
N.T.S.

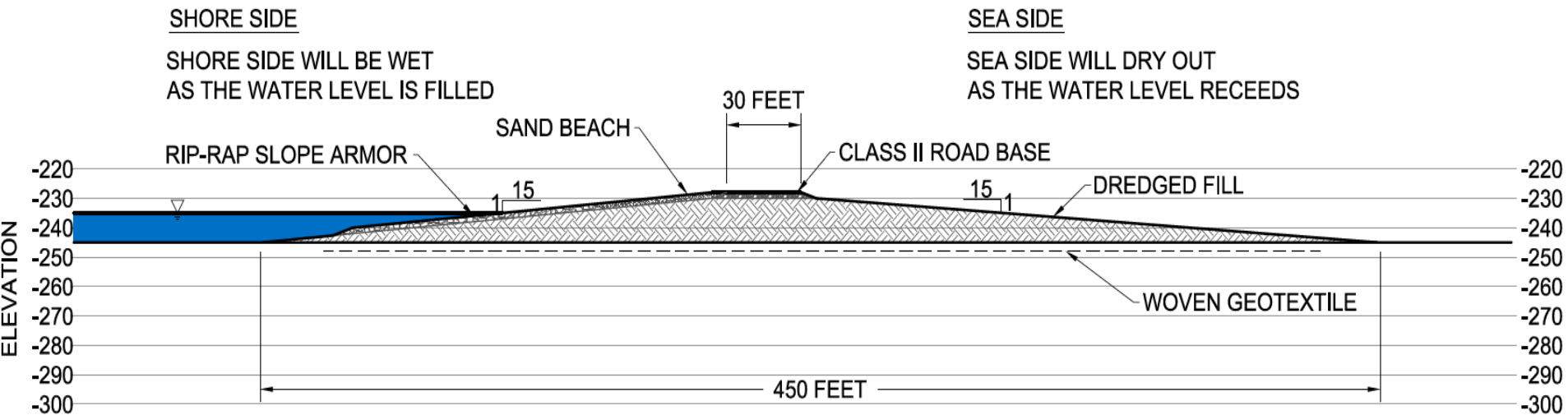


**PAIRED FACILITY WITH
ADD-ON POND**

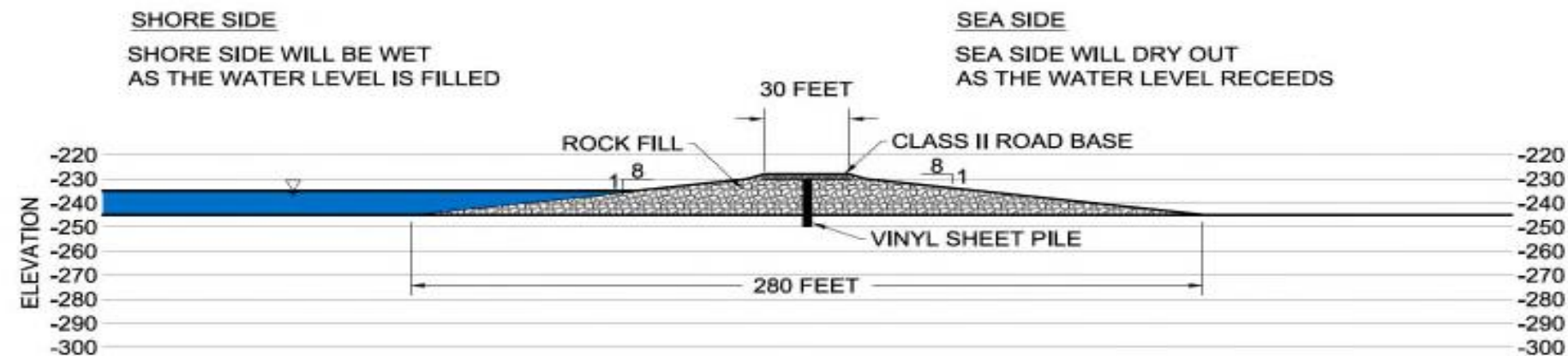
N.T.S.







TOP OF BERM ELEV: -230.00
SEALEVEL ELEV: -235.00
SEAFLOOR ELEV: -245.00



TOP OF BERM ELEV: -230.00
SEALEVEL ELEV: -235.00
SEAFLOOR ELEV: -245.00

Salton Sea Management Program

▣ Long Range Plan

- Long Range Planning Committee
- Draft by December, 2016
- Evaluation includes
 - ▣ Imported water scenarios
 - ▣ Water treatment scenarios
 - ▣ Land use scenarios
 - ▣ Air quality management

